



DETAIL AND SUBMITTAL SHEET

DISTRIBUTOR: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

MODEL NUMBER: \_\_\_\_\_ PROJECT: \_\_\_\_\_

QUANTITY: \_\_\_\_\_ APPROVED BY: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_ DATE: \_\_\_\_\_

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**FIRE RATED ACCESS PANELS - WALLS AND CEILINGS**

**MODEL FD SERIES FLUSH MOUNTED ACCESS PANELS**

UL TEST NUMBER: R13067-1  
WHI TEST NUMBER: WHI-495-PSH-0163  
CALIFORNIA STATE FIRE MARSHALL (CSFM) NUMBER: 3330-1223:100

Specify Model FD when you need to provide access to utilities in the walls or ceilings of stairwells, shafts, corridors and any other areas where fire ratings are important. To facilitate installation in wall construction, frames are equipped with masonry anchors and bolt holes. Doors are furnished with an automatic closer and latch automatically when door is released. The door panel has 2" of insulation in a sandwich-type construction. The FD Series model access door has also proved practical for use when reduction in sound transmission through access openings is desired.

The FD Series can be installed in fire rated walls or ceilings and maintains the fire barrier ratings. These panels carry Underwriters Laboratories 1-1/2 hour "B" label rating for wall applications and the Warnock Hersey label for 3-hour non-combustible and 1 -hour combustible floor/ceiling assemblies.

Model FDWB incorporates a special drywall bead frame so that drywall cement may be applied to cover and conceal the flange at the time wall board joints and corners are being cemented.

Model FDPW includes a 3/4" plasterguard for use in plaster walls.

Note: Both models FDWB and FDPW may be installed in ceiling systems as well (up to 24" x 36" size only), provided this requirement is clearly specified at the time of ordering.

J.L. also has available a fire rated detention panel with a 14-gauge steel door for security applications, Model HGF. See our Detention Specialties Catalog JLI/11190 in Sweet's for additional information.

**SPECIFICATIONS:**

**Materials FD, FDWB and FDPW**

Frame: 16 gauge steel  
Door: 20 gauge steel  
Finish: Gray baked enamel

**Materials FDSS**

Frame: 16 gauge stainless steel  
Door: 20 gauge stainless steel  
Finish: #4 satin finish stainless steel

**Materials HGFD Frame**

Frame: 14 gauge steel  
Door: 14 gauge steel prime coat  
Finish: Gray baked enamel prime coat  
Hinge: Continuous hinge mounted on the long side of oblong panels.

Latch: Universal latch mechanism can be converted between turning and key lock in the field and is recessed to allow for wall covering to be applied over panel face with no obstruction. Includes interior latch release device for unlocking door from inside.

Packaging: One panel per carton.

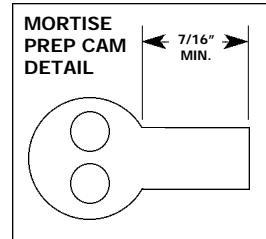
Automatic Closing: Spring closer on all size panels assures positive latching of closing door. A second spring is included on sizes 16" x 16" thru 24" x 36" and must be used for the ceiling fire rating on these sizes.

**Options:**

- \_\_\_ Galvanized Steel option, door and frame.
- \_\_\_ Mortise preparation for cylinder lock by others. This preparation will accept any standard 1-1/8" da. mortise cylinder and allows you to key to new or existing master key system Cam must be with minimum "x" length of 7/16" (see diagram).



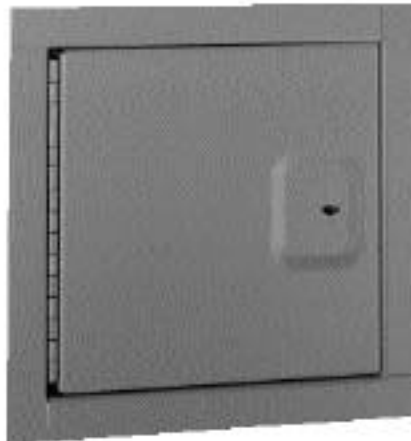
**UNIVERSAL LATCH**



**MODEL FD MORTISE PREP**

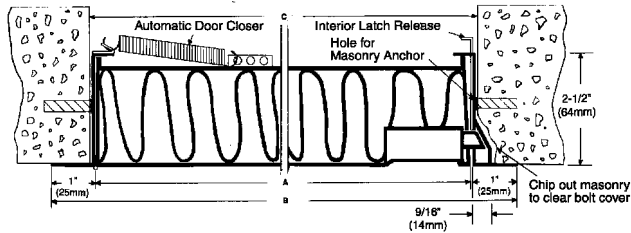


**MODEL FD**

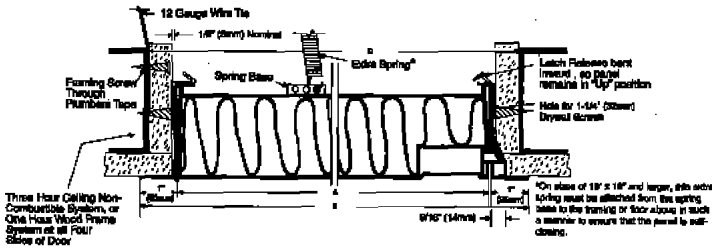


**MODEL FDWB**

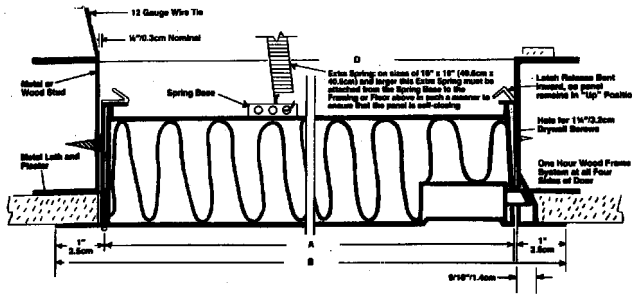




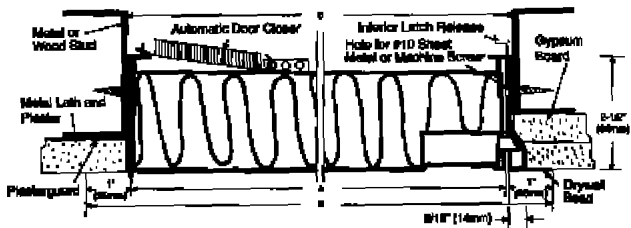
**FIGURE 1**  
**WALL**  
**INSTALLATION**  
**DETAIL**  
**MODELS FD, FDSS,**  
**AND HGFD**  
 REFER TO TABLE



**FIGURE 2**  
**3-HOUR CEILING**  
**INSTALLATION**  
**DETAIL**  
**MODELS FD, FDSS,**  
 REFER TO TABLE



**FIGURE 3**  
**1-HOUR CEILING**  
**INSTALLATION**  
**DETAIL**  
**MODELS FD, FDSS**  
 REFER TO TABLE



**FIGURE 4**  
**WALL**  
**INSTALLATION**  
**DETAIL**  
**MODELS FDWB,**  
**FDPW**  
 REFER TO TABLE

**DOOR SIZES AND WALL/CEILING OPENINGS: MODELS FD, FDSS, AND HGFD**

• DIMENSIONS IN INCHES • WEIGHT IN POUNDS

A - MODEL SIZE WIDTH X HEIGHT	B - OUTSIDE FRAME DIMENSIONS		C - WALL OPENING DIMENSIONS 1-HOUR CEILING OPENING DIMENSIONS		D - CEILING OPENING DIMENSIONS 3-HOUR CEILING OPENING DIMENSIONS		SHIPPING WEIGHT			LATCHES
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	FD FDWB	FDSS	HGFD	
8" x 8"	10"	10"	8 3/8"	8 3/8"	9 5/8"	9 5/8"	7	7	11	1
10" x 10"	12"	12"	10 3/8"	10 3/8"	11 5/8"	11 5/8"	9	9	15	1
12" x 12"	14"	14"	12 3/8"	12 3/8"	13 5/8"	13 5/8"	11	11	17	1
14" x 14"	16"	16"	14 3/8"	14 3/8"	15 5/8"	15 5/8"	15	15	22	1
16" x 16"	18"	18"	16 3/8"	16 3/8"	17 5/8"	17 5/8"	16	16	24	1
18" x 18"	20"	20"	18 3/8"	18 3/8"	19 5/8"	19 5/8"	19	20	30	1
20" x 30"	22"	32"	20 3/8"	30 3/8"	21 5/8"	31 5/8"	34	35	51	1
22" x 30"	24"	32"	22 3/8"	30 3/8"	23 5/8"	31 5/8"	32	33	53	2
24" x 24"	26"	26"	24 3/8"	24 3/8"	25 5/8"	25 5/8"	27	28	47	1
22" x 36"	24"	38"	22 3/8"	36 3/8"	23 5/8"	37 5/8"	40	41	58	2
24" x 36"	26"	38"	24 3/8"	36 3/8"	25 5/8"	37 5/8"	42	43	60	2
24" x 48"	26"	50"	24 3/8"	48 3/8"	-	-	57	59	85	2
30" x 30"	32"	32"	30 3/8"	30 3/8"	-	-	44	45	62	2
32" x 32"	34"	34"	32 3/8"	32 3/8"	-	-	54	55	81	2
36" x 36"	38"	38"	36 3/8"	36 3/8"	-	-	61	63	92	2
36" x 48"	38"	50"	36 3/8"	48 3/8"	-	-	75	78	114	2
X	"	"	"	"	"	"				

SPECIAL SIZE DOORS AVAILABLE FROM 8" X 8" TO 36" X 48"  
 \*\*SEE CEILING INSTALLATION INSTRUCTIONS PROVIDED WITH PRODUCT  
 NOTE: WARNOCK HERSEY FIRE RATED CEILING LABEL FOR SIZES UP TO 24" X 36" ONLY